



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Patent Application

Applicant(s): Khalil C. Haddad  
Case: 1  
Serial No.: 09/803,801  
Filing Date: March 12, 2001  
Group: 2634  
Examiner: Jason M. Perilla

I hereby certify that this paper is being deposited on this date with the U.S. Postal Service as first class mail addressed to the Commissioner for Patents, P.O. 1450, Alexandria, VA 22313-1450

Signature: *Vine Maning* Date: September 17, 2004

Title: Shortening Impulse Response Filter (SIRF) and Design Technique Therefor

AMENDMENT AND RESPONSE TO OFFICE ACTION

Mail Stop Amendment  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

**RECEIVED**

SEP 23 2004

Technology Center 2600

Sir:

In response to the outstanding Office Action, dated May 19, 2004, please amend the above-identified patent application as follows: